



DESIGNED FOR PRECISION AND DURABILITY



Digital Printing Solutions

Taloja, Navi Mumbai Office / Factory



Hubballi Factory



INTRODUCTION

- Over 35 years experience in providing high performance Industrial Automation Solutions
- Represent companies from Japan, Korea, Italy, UK, Germany and USA
- Proud to be an ethical, professionally managed company with a highly qualified technical workforce
- Strive to offer the state-of-the-art technical solutions matching our customer's requirements along with a strong commitment to after-sales support and customer satisfaction
- All India presence with branch offices and service centers
- Product demonstration and testing facility in Navi Mumbai enables us to ensure suitability of our solutions to various industrial applications
- 40,000 sqft. manufacturing facility in Hubballi, Karnataka and 40,000 sqft. new facility in Taloja, Navi Mumbai

OUR VALUES

- Customer First
- Innovation
- Excellence
- Contribution to society

CORPORATE SOCIAL RESPONSIBILITY

As a part of our CSR activities, we support the Art of Living Foundation projects to provide free & holistic education to the rural and slum children across India.

BUSINESS DIVISIONS

- 1. DIGITAL TEXTILE PRINTING SOLUTIONS**
- 2. INDUSTRIAL AUTOMATION SOLUTIONS**
 - a. Industrial Weighing Solutions
 - b. Inspection and Packaging Systems
 - c. Coding, Marking and Labelling Systems
- 3. QUALITY MEASUREMENT & LABORATORY SOLUTIONS**
 - a. Colour, Light & Appearance Measurement Solutions
 - b. Laboratory Equipments and Systems

High Speed Large Format Inkjet Printer



**For the brightest colours
and sharpest print quality
with new Ricoh Gen6 Printheads**

- 32 Ricoh Gen6 printheads
- Production speed upto 500 sqm/hr (1.8m media width, 2 pass)

DCR 3219 - 8R

Features

- Available printing width 1.9m and 3.2m
- Magnetic suspension linear motor for higher printing accuracy
- Negative pressure ink control system and ink degassing system
- Advanced belt automatic cleaning system to ensure continuous production and improve the production efficiency
- Active take-up/ unwinding structure ensures the stable stretchability of the media
- Print Record
- Synchronized with IR, gas or steam dryer
- Computer can be connected with USB 3.0 cable
- Reactive, Disperse, Acid and Pigment ink from Jaysynth

Machine Model		DCR 0819 - 2R	DCR 1619 - 4R	DCR 3219 - 8R
Printheads		8	16	32
Print width		1.9m	1.9m	1.9m
Print speed with media width (1.8m)	2 Pass	152 sqm/hr	272 sqm/hr	500 sqm/h
	3 Pass	100 sqm/hr	182 sqm/hr	345 sqm/h

High Speed Large Format Inkjet Printer



- 16 Ricoh dual channel Gen6 printheads
- Production speed of 272 sqm/hr (1.8m media width, 2 pass)



DCR 1619 - 4R

Features

- Available printing width 1.9m, 2.6m and 3.2m
- Magnetic suspension linear motor for higher printing accuracy
- Negative pressure ink control system and ink degassing system enhance the stability
- Advanced belt automatic cleaning system to ensure continuous production and improve belt adhesive life
- Active take-up/unwinding system to ensure stable stretchability of fabric
- Computer can be connected with USB 3.0 cable
- Reactive, Disperse, Acid and Pigment ink from Jaysynth

- 4 / 8 dual channel Ricoh Gen6 printheads
- Production of 75 sqm/hr (1.8m media width, 2 pass) - DCR 0419
152 sqm/hr (1.8m media width, 2 pass) - DCR 0819



DCR 0419 - 1R / 0819 - 2R

Features

- Available printing width 1.9m, 2.6m and 3.2m
- Magnetic suspension linear motor for higher printing accuracy
- Negative pressure ink control system and ink degassing system enhance the stability
- Advanced belt automatic cleaning system to ensure continuous production and improve belt adhesive life
- Active take-up/unwinding system to ensure stable stretchability of fabric
- Computer can be connected with USB 3.0 cable
- Reactive, Disperse, Acid and Pigment ink from Jaysynth

High Speed Large Format Inkjet Printer

Perfect solution
for digital pigment printing
Zero - Liquid - Discharge



- 32 Spectra Starfire SG1024 printheads
- Production speed upto 323 sqm/hr (3.2m media width, 2 pass)

DCS 3218 - 4R / 3232 - 4R

Features

- Available printing width 1.8m and 3.2m
- Magnetic linear motor for higher printing accuracy
- New inkjet control system for high stability
- Anti-scratch printhead protection
- Auto belt washing and drying unit
- Repairable printhead with ink re-circulation system
- Computer can be connected with USB 3.0 cable
- Ideally suited for digital pigment ink
- Suitable for applications that require large ink volume

Model		DCS-3218-4R		DCS-3232-4R	
Printing width		1.8m		3.2m	
Media width		1.8m		3.2m	
Print speed	Pass	sqm/hr (media width 1.8m)	lm/hr (media width 1.1m)	sqm/hr (media width 1.8m)	lm/hr (media width 1.1m)
	2	251	195	323	195
	3	178	143	218	143

High Speed Sublimation Printer



- 24 Epson i3200 printheads
- Production speed of 600-650 sqm/hr (1pass High Quality)



FD-1924

Features

- Available printing width 1.9m
- Carriage base plate of high precision makes the head position adjustment more convenient
- Embedded magnetic clutch makes sure that the media take-up tension is constant and stable print quality is guaranteed
- Integrated head cleaning and moisture capping module
- Sublimation ink from Jaysynth

High Speed Sublimation Printer



- 15 / 8 Epson i3200 printheads
- Production speed of 465 sqm/hr (1 pass) FD- 61915E
280 sqm/hr (1 pass) FD- 6198E



FD-61915E / FD-6198E

Features

- Available printing width 1.9m
- Carriage base plate of high precision makes the head position adjustment more convenient
- Embedded magnetic clutch makes sure that the media take-up tension is constant and stable print quality is guaranteed
- Integrated head cleaning and moisture capping module
- Sublimation ink from Jaysynth

Printer Model & Description	Media Width	Pass	Per Hour production		Per Day production	
			SQM	LM	SQM	LM
DCR0419 4 Ricoh Gen6 Printheads with 1 Row & 8 colors, 1.9 m Printing Width	1.8	2P	78	43	1560	860
		3P	52	29	1040	580
	1.5	2P	70	47	1400	940
		3P	47	31	940	620
	1.1	2P	64	58	1280	1160
		3P	43	39	860	780
DCR0819 08 Ricoh Gen6 Printheads with 2 Rows & 8 colors, 1.9 m Printing Width	1.8	2P	152	84	3040	1680
		3P	100	56	2000	1120
	1.5	2P	142	95	2840	1900
		3P	83	55	1660	1107
	1.1	2P	123	112	2460	2240
		3P	65	59	1300	1182
DCR1619 16 Ricoh Gen6 Printheads with 4 Rows & 8 colors, 1.9 m Printing Width	1.8	2P	284	157	5680	3140
		3P	189	105	3780	2100
	1.5	2P	263	175	5260	3500
		3P	175	117	3500	2333
	1.1	2P	227	206	4540	4120
		3P	151	137	3020	2745
DCR2419 24 Ricoh Gen6 Printheads with 6 Rows & 8 colors, 1.9 m Printing Width	1.8	2P	386	214	4280	3140
		3P	264	146	2920	2100
	1.5	2P	355	236	7100	4720
		3P	232	154	4640	3080
	1.1	2P	302	274	6040	5480
		3P	195	177	3900	3540
DCR3219 32 Ricoh Gen6 Printheads with 8 Rows & 8 colors 1.9 m Printing Width	1.8	2P	500	278	10000	5556
		3P	345	192	6900	3840
	1.5	2P	455	303	9100	6067
		3P	310	207	6200	4133
	1.1	2P	395	359	7900	7182
		3P	263	239	5260	4782
DCR7219 72 Ricoh Gen6 Printheads (6x 12 rows arrangemnets)12 color 1.9 m Printing Width	1.8	2P	720	400	14400	8000
		3P	512	285	10240	5700
	1.5	2P	660	440	13200	8800
		3P	426	284	8520	5680
	1.1	2P	525	477	10500	9540
		3P	343	312	6860	6240

Printer Model & Description	Media Width	Pass	Per Hour production		Per Day production	
			SQM	LM	SQM	LM
DCR3232 32nos Ricoh Gen6 Printheads in 8 rows, 8 color 3.2 m Max Printing Width	2.8	2P	675	241	13500	4821
		3P	450	161	9000	3214
DCR3218 32 Ricoh Sg1024 Printheads in 4 rows, 8 color, 1.8 m Max Printing Width	1.8	2P	251	139	5020	2789
		3P	178	99	3560	1978
	1.1	2P	215	195	4300	3909
		3P	157	143	3140	2855
DCR3232 32nos Ricoh Gen6 Printheads in 4 rows, 8 color 3.2 m Max Printing Width	3.2	2P	323	101	6460	2019
		3P	218	68	4360	1363
FD 5194 04 nos Original Epson 3200i Printheads, 4 color 1.9 m Max Printing Width	1.4	2P	170	116	3400	2320
		3P	116	79	2320	1580
	0.9	2P	138	155	2760	3100
		3P	95	107	1900	2140
FD 6198 08 nos original Epson 3200 I Printheads, 4 color, 1.9 m Max Printing Width	1.8	1P	280	156	5600	3111
		2P	143	79	2860	1589
	1.5	1P	256	183	5120	3657
		2P	124	89	2480	1771
	1.1	1P	210	233	4200	4667
		2P	106	118	2120	2356
FD 61915 15 nos Original Epson 3200i Printheads, 4 color 1.9 m Max Printing Width	1.4	1P	467	334	9340	6671
		2P	250	179	5000	3571
	0.9	1P	344	382	6880	7644
		2P	185	206	3700	4111
FD 61924 24 nos Original Epson 3200i Printheads, 4 color 1.9 m Max Printing Width	1.4	1P	835	571	16700	11420
		2P	440	301	8800	6020
	0.9	1P	781	878	15620	17560
		2P	374	421	7480	8420



Digi TEX Digital Inks

R- Reactive Ink for Cotton, Silk and Viscose

DD- Disperse Direct Ink for Polyester

DT- Sublimation Ink for Polyester

A- Acid Ink for Nylon, Silk & wool

DPF - Pigment Ink for Fabric
(Natural, Synthetic & their blends)

DTF - Pigment Ink for Film (Transfer to Fabric)

DTG - Pigment Ink for Garment Print



- Reactive
- Direct Disperse
- Sublimation
- Acid
- Pigment

PRINTHEADS SUPPORTED

Kyocera | Ricoh | Epson | Starfire | Konica Minolta



Large Format Inkjet Printers by :



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Digital Inks by :



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